

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 5:15 AM

**Daily Diary Report by Bid Item**

Contract No.: 04-0120F4

Diary #: 004 Const Calendar Day: 815 Date: 02-Dec-2011 Friday  
Inspector Name: Soheilifard, Saman Title: Transportation Engineer  
Inspection Type: Continuous  
Shift Hours: 07:00 AM 15:00 PM Break: 12:00 Over Time: 00:00  
Federal ID:  
Location:  
Reviewer: Woods, Mark Approved Date: 23-Dec-11 Status: Approved

04-0120F4  
04-SF-80-13.2/13.9  
Self-Anchored  
Suspension Bridge

**Weather**

Temperature 7 AM 12 PM 4PM  
Precipitation Condition Sunny with the morning Fog

Working Day ☒ If no, explain:**Diary:**

Dispute

**CCO # 203**

Completion of the CCO #203 work for the North & South Grillage Cover Plates;  
Continue with the Item Work at Elev. 3.0 & 13.0, on the removal & grinding of the Pad-eyes;

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04-0120F4 Bid Item: 053 T-L01-SPD.053 Tower Lift 01 Shear Plates and Diaphragms

AMERICAN BRIDGE/FLUOR, A JV

**Labor**

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	LANCE CARLSON	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	LUIS PLANCARTE	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS ALVERADO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	Jose ALFARO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	DARIO Loza	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	CARLOS ALVERADO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	EDUARDO JIMENEZ-PADILLA	0.00	0.00	0.00	0.00		<input type="checkbox"/>

**Diary:**

Dispute

**CCO # 203 053 T-L01-SPD.053**

Bolt Tensioning and Torque Verification

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Yesterday, the 57 remaining bolts could not be tensioned, due to the high winds closing down the elevator. Actually, the high winds shut down the elevator until 9:30 this morning, at which time it was safe to get on the elevator once again. Per my request, Steve Jensen called me at 9:30 with the news of the re-openiong of the elevator and the return of the iron workers to Elev. 145m. I was at elev. 145 at 9:55, 15 minutes after the iron workers got there (according to Steve.)

The 2-man crew of Lance and Luis continued with the tensioning of the remaining 57 bolts and finished them off by 11:00. At this time Steve Jensen watched me witnessing the torque verification conducted by Luis. There were a total of 316, A325 M24x80 bolts and we verified the required Inspection Torque on 32 bolts, evenly distributed across the connection with 16 verified on the North side and another 16 on the South side. The Inspection Torque for these bolts which belong to the Lot# DHGM240139, is 332 ft-lbs. This Inspection Torque value was established by the turning of the nut. However, in the field at this particular location, these bolts were tensioned by the turning of the bolt heads. Therefore, we had to use the rule-of-thumb method of using a magnitude of 1.5 times greater than the value established by the



## Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name: Soheilifard, Saman

Diary #: 004

Date: 02-Dec-2011 Friday

turning of the nut. This results in an Inspection Torque value of 498 ft-lbs. All the bolts easily surpassed this value.

Following the conclusion of the Torque Verification test, the crew turned their attention to the bolting of cover plates for the small access holes (hand access) provided in the mid-section of these cover plates. They finished off these plates by the conclusion of the day. It should be noted that the Grillage's Bottom Cover Plates on the West side will be placed once the Tower tie-back bracket (blue steel) installed for the Tower Pull-back, is removed, following the load transfer.

### Item Work

Today marks day 7 of the pad-eye removal and grinding operation at the base of the Tower at Elev. 3.0 and 13.0.

04-0120F4 Bid Item: 053 T-SAD-GRI.053 Tower Saddle Grillage

AMERICAN BRIDGE/FLUOR, A JV

### Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
<b>Contractor:</b> AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	JNM	CARLOS ALVERADO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	Jose ALFARO	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	DARIO LUCAS	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	EDUARDO JIMENEZ-PADILLA	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	JAMES WILKERSON	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	APP	Luis Plancarte	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	0.00	0.00	0.00	0.00		<input type="checkbox"/>
Ironworker	JNM	LANCE CARLSON	0.00	0.00	0.00	0.00		<input type="checkbox"/>